



STATEMENT OF WORK
WORK AUTHORIZATION FORM 19B (WAF 19B) (02/13/04)
VERMICULITE INTERMOUNTAIN - LIBBY SISTER SITES – Salt Lake City 2

Background

As part of their support to the Libby Asbestos Project - Libby Sister Sites, the Volpe Center manages and conducts technical tasks related to oversight of cleanup/remediation of contaminated soil and asbestos-contaminated materials (ACM). Cleanup is conducted by contractors working for Potentially Responsible Parties (PRPs) or by the Government through EPA's Removal Contractor.

Tasks to be Performed

The Volpe Center shall provide the personnel, materials and supplies to conduct the following tasks:

Task 1. Sampling and Analysis. Conduct sampling and analysis of various media, as necessary, related to the design and cleanup of contaminated sites, for general monitoring of sites, and to develop design documents, as necessary.

Task 2. Work Plan. Review, validate and coordinate the Work Plan (PRP or EPA prepared) for cleanup/remediation of the site.

Task 3. Health and Safety Oversight. Perform on-site health and safety inspections. Conduct on-site observations of cleanup/remediation activities for compliance with the Comprehensive Health and Safety Plan (HASP) and Work Plan. Conduct sampling and analysis of soil, air and personnel to ensure health and safety during and after cleanup/remediation. Perform surveys to document sampling locations for future analysis of contamination patterns and exposure.

Task 4. Cleanup/Remediation Coordination, Oversight, and Administration. Perform planning, coordination, and administrative functions required to prepare property owners, cleanup/remediation staff, and oversight staff for cleanup/remediation activities, and to facilitate successful project completion. Task includes all necessary meetings, documentation, validation, and reporting of results, expenses, and performance.

Cost Estimate

The estimated cost for conducting these tasks is provided on the coversheet for WAF 19B. The Volpe Center's detailed cost estimate is provided in Attachment 1. The estimated cost is highly dependant upon the schedule of the removal action. As required, the estimate will be modified and delivered to EPA Region 8.

WAF 19B – Planning/Oversight Support

Period of Performance

The period of performance for conducting these tasks I estimated at 85 days. The specific dates are provided on the coversheet for WAF 19B. Refer to Attachment 2 for a schedule of tasks.

Deliverables

The following deliverables are required as part of this WAF:

- Daily Site Updates
- Monthly Progress Report

The Volpe Center also provides support to EPA Region 8 on this WAF through contractor efforts (A/E and in-house contracts). Numerous deliverables provided to the Volpe Center through these contracts are also provided to EPA Region 8. These deliverables are tracked on a contract-by-contract basis and documentation of these deliverables is maintained in accordance with the terms and conditions of the IAG between EPA Region 8 and the Volpe Center.

Concurrence

EPA Region 8 and the Volpe Center have discussed this statement of work and mutually agree to its requirements, the estimated cost, and the schedule.

EPA Region 8 On Scene Coordinator

Floyd Nichols

Date

Volpe Center Project Manager:

John McGuiggin

Date

WAF 19 B - Vermiculite Intermountain - Salt Lake City 2
Government Cost Estimate

Frank Edwards

Volpe Labor

Description	Unit Rate	Units	Cost
Project Manager	\$ 76.82	240	\$18,436.80
		Subtotal	\$18,436.80

+ 1/3 6145

Volpe Other Direct Costs

Description	Unit Rate	Units	Cost
Technical Training	\$ 700.00	1	\$700.00
Communications	\$ 100.00	2.5	\$250.00
Materials/Supplies	\$ 25.00	4	\$100.00
		Subtotal	\$1,050.00

+ 1/3 350

Volpe Travel

Description	Unit Rate	Units	Cost
Airfare/Per Diem/Lodging/Car	\$ 1,066.00	6	\$6,396.00
		Subtotal	\$6,396.00

+ 1/3 2032

Contracts

Description	Unit Rate	Units	Cost
Artistic Printing Labor	\$187,947.83	1	\$187,947.83
Artistic Printing Sample Analysis	\$202,049.14	1	\$202,049.14
Artistic Printing ODC/Travel	\$ 27,843.12	1	\$27,843.12
Soil Removal Labor	\$ 42,394.32	1	\$42,394.32
Soil Removal Sample Analysis	\$ 39,955.78	1	\$39,955.78
Soil Removal ODC/Labor	\$ 8,603.96	1	\$8,603.96
UPL Building Labor	\$ 10,962.49	1	\$10,962.49
UPL Building Sample Analysis	\$ 5,314.49	1	\$5,314.49
UPL Building ODC/Travel	\$ 3,494.16	1	\$3,494.16
Reporting	\$ 8,355.64	1	\$8,355.64
		Subtotal	\$536,920.91

Notes:
Unit Rate is per 10 hour week
Total hours = 2,244
2,022 TEM (AHERA)
41 TEM (ISO)
40 PLM
8 Dust

FE Bldg

Total \$562,803.71

25,827

588,730

+ 17,300
25,827